

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF APICAL INDUSTRIES DBA DART AEROSPACE. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF APICAL INDUSTRIES DBA DART AEROSPACE IS PROHIBITED.

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
N/C	INITIAL RELEASE	03-24-20	J. GARDINER For AQ

NOTES:

A 1. THE WORKING MEDIA WILL BE ANY INDIVIDUAL OR MIXTURE OF AIR, HELIUM, CARBON DIOXIDE, AND/OR NITROGEN.

2. THE OPERATING PRESSURE WILL BE 0 TO 6,000 PSIG.

3. THE OPERATING TEMPERATURE RANGE WILL BE -40° C TO 70° C.

4. THE GAUGE FACE SHALL HAVE A WHITE BACKGROUND WITH ARTWORK AS SHOWN IN FIGURE 1. A RED BAND (SIMILAR TO FED. STD. 595, #11350) SHALL EXTEND OVER THE SCALE OF THE GAUGE.

5. THE TEMPERATURE COMPENSATED CURSOR CONFIGURATION SHALL BE PER FIGURE 1. THE CURSOR'S WIDTH SHALL BE EQUAL TO ± 188 PSIG AND AT 20° C THE CENTER OF THE CURSOR SHALL BE 5,000 PSIG.

B 6. THE PRESSURE GAUGE WILL BE ACCURATE WITHIN ± 150 PSIG OVER NORMAL OPERATING PRESSURES.

7. THE PRESSURE GAUGE WILL BE DESIGNED FOR ZERO LEAKAGE UNDER ALL OPERATING CONDITIONS.

8. THE PROOF PRESSURE WILL BE 7,500 PSIG.

9. IN THE EVENT OF A RUPTURE OR LEAKAGE OF THE INTERNAL COMPONENTS, THE RELIEF DEVICE SHALL RELEASE AND NOT ALLOW A VIOLENT EXPLOSION OF THE CASE STRUCTURE.

10. MINIMUM BURST PRESSURE WILL BE 15,000 PSIG.

11. FITTING THREADS WILL BE PROTECTED BY A REMOVABLE PLASTIC CAP DURING SHIPPING.

C 12. PART MARK EACH GAUGE WITH A PERMANENT LABEL. THE DART AEROSPACE PART NUMBER AND CURRENT SERIAL NUMBER WILL BE INDICATED ON THE LABEL AS SHOWN BELOW:
"601.4369 S/N YYDDDXX"
WHERE YY IS THE TWO DIGIT YEAR, DDD IS THE THREE DIGIT JULIAN DATE, AND XX IS A TWO DIGIT UNIT NUMBER.

13. DESIGNED TO SPEC DA189SPEC-1 REV A.

14. VENDOR: NMG AEROSPACE, VENDOR P/N: 6582862-1.

601.4369 (6582862-1)	
TEMPERATURE (°C)	PRESSURE (PSIG)
-40°C (-40°F)	3977
20°C (68°F)	5000
70°C (158°F)	5853

SOURCE CONTROL DRAWING

PARTS LIST	
QTY	
NEXT ASSY (S)	ORIGINAL DATE (MO-DA-YR) 03-24-20 DRAWN BY CHECKER EC R. TAKAHASHI
650.5300	DRAWING APPROVAL J. GARDINER 03-24-20 CONTRACT No.
	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS $\pm .01$ 3 PLACE DECIMALS $\pm .005$ ANGLES $\pm .5^\circ$
	SIZE CAGE CODE DWG. NO. REV. B 07MZ6 601.4369 N/C SCALE NONE SHEET 1 OF 2

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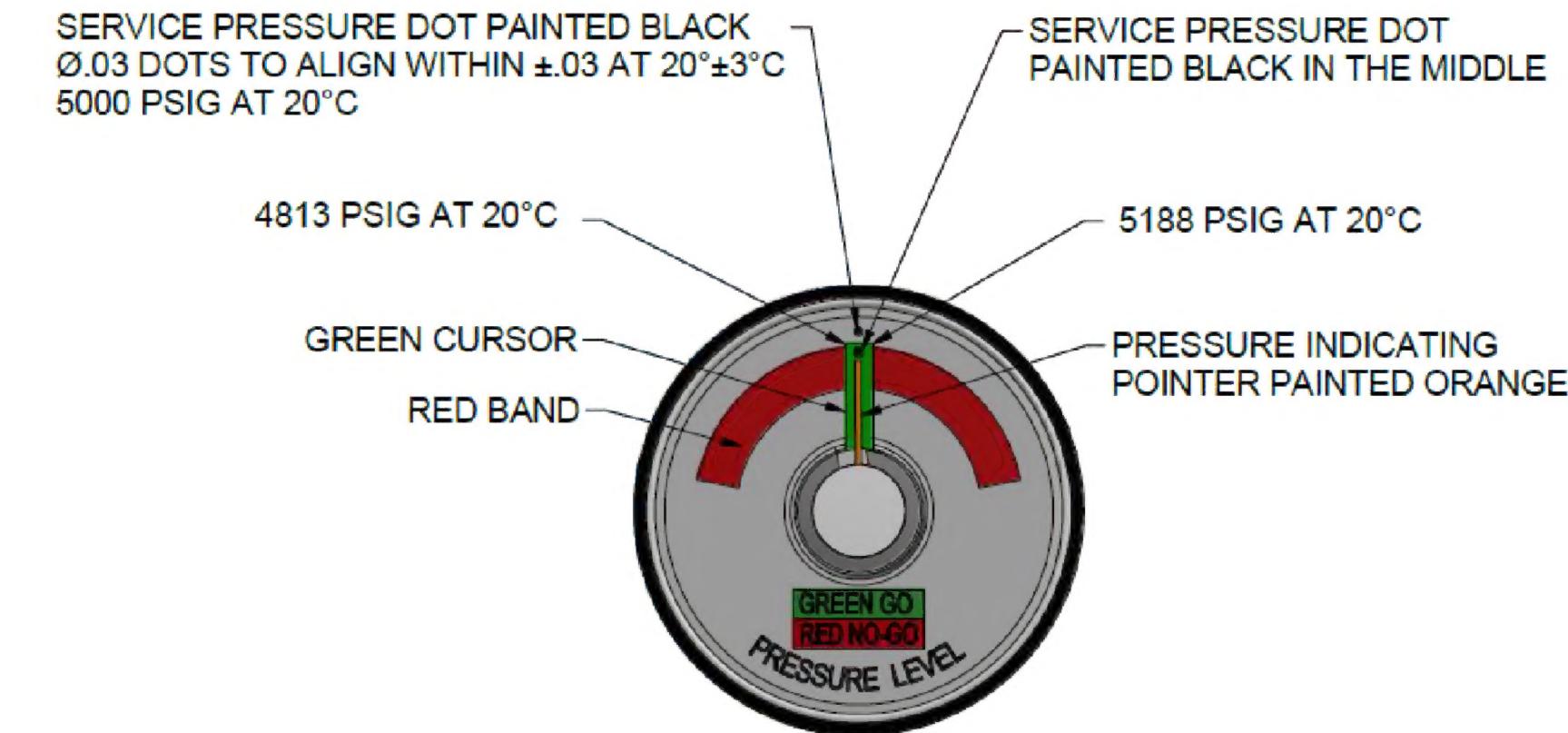
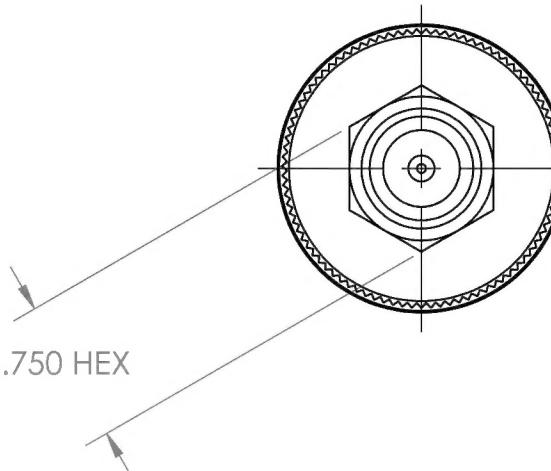
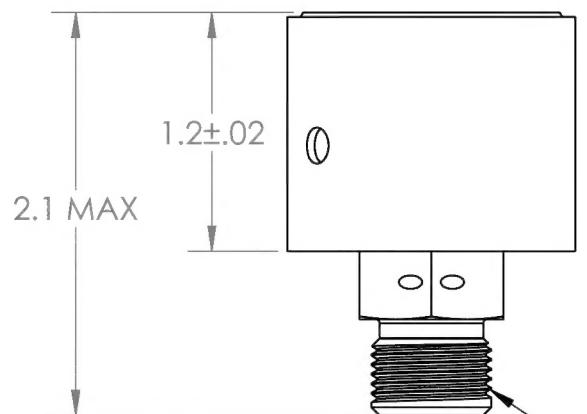
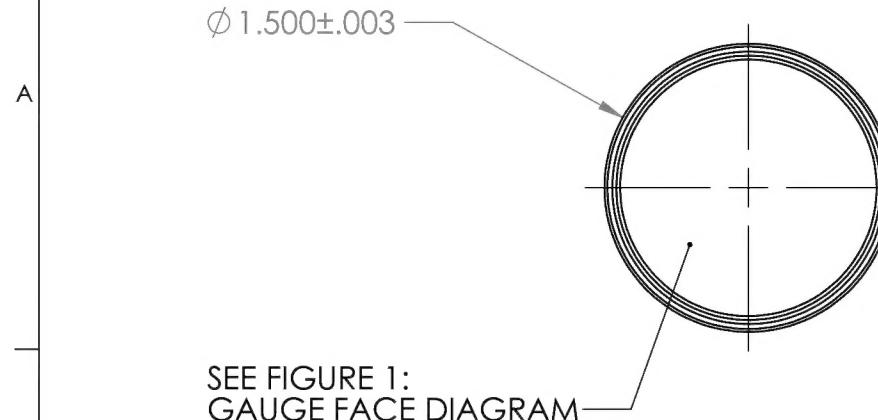


FIGURE 1: GAUGE FACE DIAGRAM

ORIGINAL DATE (MO-DA-YR)	03-24-20	DART AEROSPACE	3030 ENTERPRISE CT., SUITE A, VISTA, CA. 92081 (760)-724-5300
DRAWN BY EC	CHECKER R. TAKAHASHI		
DRAWING APPROVAL J. GARDNER 03-24-20			
CONTRACT No.			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS $\pm .01$ 3 PLACE DECIMALS $\pm .005$ ANGLES $\pm .5^\circ$	THERMOMANOMETER 5KPSIG	SIZE B	CAGE CODE 07MZ6 DWG. NO. 601.4369 REV. N/C
		SCALE NONE	Sheet 2 OF 2